
Behavioral Sciences Workforce Survey: 2011 Geographical Summary

A summary of the distribution of the Behavioral Sciences Workforce by Virginia city and county.

Methodology & Definitions:

The HWDC collects information on work hours by practice location. Location addresses are not collected. Rather, the HWDC asks respondents to report the locality (city or county) of their work locations in Virginia or whether the location is in a jurisdiction bordering Virginia, another US state or outside of the US. Work hours are converted to full-time equivalency units (FTEs). This is a different measure than simple counts of practitioners. For small areas, particularly areas that may be served periodically by some practitioners, this method gives a more precise assessment of the actual availability of behavioral health services.

This first iteration of the Behavioral Sciences survey asked respondents to indicate whether they worked part-time (less than 30 hours a week) or full-time (30 or more hours per week) at up to three work locations. Full-time work was counted as one FTE, while part-time work was counted as one half of an FTE. This measure distorts hours worked. Depending on the number of locations, and how hours are distributed among locations, someone working 60 hours per week could be counted as one FTE, 1.5 FTEs, or 2 FTEs.

The FTEs reported in this addendum use the method noted above. For persons who listed a work location, but did not indicate a work participation rate, the mean FTEs were imputed for that location, by profession. Respondents who indicated working, but did not indicate a locality or indicated having no set locality for the work location (e.g., temporary, traveling) are not included. The maps show FTEs supplied, and FTE per 100,000 residents. Population data are from the July 1, 2011 estimates provided by the University of Virginia's Weldon Cooper Center, Demographics & Workforce Group.

Locality	Location Count				Estimated FTEs				Per Population		
	Includes primary, secondary and tertiary locations				Across all locations in locality				Population estimates from the Weldon Cooper Center		
	Counseling	Psychology	Social Work	Total	Counseling	Psychology	Social Work	Total	2011 Population	Locations per 100,000	FTE per 100,000
Accomack County	12	1	6	19	8.86	0.5	5.5	14.86	33,335	57.0	44.6
Albemarle County	58	66	64	188	44	48	50.88	142.88	100,780	186.5	141.8
Alleghany County	3	2	5	10	3	1	3.5	7.5	16,180	61.8	46.4
Amelia County	0	2	4	6	0	1.5	2.9	4.4	12,841	46.7	34.3
Amherst County	6	3	2	11	4.5	2.52	1.5	8.52	32,496	33.9	26.2
Appomattox County	4	0	0	4	4	0	0	4	15,021	26.6	26.6
Arlington County	78	92	170	340	58.86	74.35	137	270.21	214,373	158.6	126.0
Augusta County	45	27	20	92	35.5	21.85	16.5	73.85	73,792	124.7	100.1
Bath County	3	0	1	4	2	0	0.5	2.5	4,797	83.4	52.1
Bedford County	22	0	4	26	17	0	2.5	19.5	69,379	37.5	28.1
Bland County	0	0	1	1	0	0	1	1	6,748	14.8	14.8
Botetourt County	9	1	3	13	6.5	0.5	2	9	33,399	38.9	26.9
Brunswick County	1	2	4	7	1	1.5	2.5	5	17,400	40.2	28.7
Buchanan County	3	0	2	5	2	0	1.5	3.5	24,006	20.8	14.6
Buckingham County	1	1	3	5	1	0.5	1.5	3	17,143	29.2	17.5
Campbell County	12	2	3	17	9	1.5	2.88	13.38	54,759	31.0	24.4
Caroline County	4	1	2	7	3	0.5	1.5	5	28,826	24.3	17.3
Carroll County	4	2	4	10	3.5	2	3.5	9	29,748	33.6	30.3
Charles City County	1	1	3	5	0.5	1	2	3.5	7,290	68.6	48.0
Charlotte County	6	0	2	8	5.5	0	1	6.5	12,565	63.7	51.7
Chesterfield County	102	76	156	334	82.74	53	127.92	263.66	319,641	104.5	82.5
Clarke County	6	1	1	8	5	0.5	0.5	6	14,211	56.3	42.2
Craig County	1	0	2	3	0.53	0	1	1.53	5,241	57.2	29.2
Culpeper County	21	6	25	52	17.5	5	20	42.5	47,144	110.3	90.1
Cumberland County	2	1	0	3	2	1	0	3	10,100	29.7	29.7
Dickenson County	3	0	0	3	2.5	0	0	2.5	15,762	19.0	15.9
Dinwiddie County	3	12	7	22	2	11.5	6	19.5	28,018	78.5	69.6
Essex County	2	0	0	2	1.5	0	0	1.5	11,287	17.7	13.3
Fairfax County	373	415	834	1622	273.51	307.31	642.53	1223.35	1,096,023	148.0	111.6
Fauquier County	13	6	25	44	8.5	5	21	34.5	65,780	66.9	52.4

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	Counseling	Psychology	Social Work		Counseling	Psychology	Social Work		2011 Population	Locations per 100,000	FTE per 100,000
Floyd County	11	0	3	14	6.5	0	2.5	9	15,484	90.4	58.1
Fluvanna County	3	4	6	13	3	2.35	3.5	8.85	25,989	50.0	34.1
Franklin County	6	3	11	20	4.5	1.5	9.5	15.5	56,300	35.5	27.5
Frederick County	25	10	29	64	20	7.87	21.5	49.37	79,156	80.9	62.4
Giles County	1	0	0	1	1	0	0	1	17,279	5.8	5.8
Gloucester County	8	7	11	26	6	4	8	18	36,987	70.3	48.7
Goochland County	6	2	16	24	5.86	2	13.5	21.36	21,753	110.3	98.2
Grayson County	1	0	3	4	1	0	2	3	15,470	25.9	19.4
Greene County	1	1	4	6	0.5	1	3.38	4.88	19,042	31.5	25.6
Greensville County	5	4	10	19	4	3.5	8.5	16	12,131	156.6	131.9
Halifax County	9	0	8	17	7	0	7	14	36,184	47.0	38.7
Hanover County	42	25	42	109	35	19.21	32.5	86.71	100,704	108.2	86.1
Henrico County	117	86	252	455	87.5	65.87	203.63	357	310,742	146.4	114.9
Henry County	9	2	6	17	5.5	1	4.5	11	53,867	31.6	20.4
Highland County	2	1	0	3	1.5	0.5	0	2	2,295	130.7	87.1
Isle of Wight County	2	0	2	4	1.5	0	1.5	3	35,457	11.3	8.5
James City County	38	21	19	78	31.5	14.5	14.5	60.5	68,874	113.3	87.8
King and Queen County	1	0	0	1	0.5	0	0	0.5	7,049	14.2	7.1
King George County	4	0	3	7	3	0	2.5	5.5	23,333	30.0	23.6
King William County	2	0	0	2	1.5	0	0	1.5	16,159	12.4	9.3
Lancaster County	7	3	6	16	5	2	4	11	11,463	139.6	96.0
Lee County	7	2	3	12	5.5	1.5	2	9	25,676	46.7	35.1
Loudoun County	126	77	139	342	92.53	57	102	251.53	324,337	105.4	77.6
Louisa County	4	2	7	13	3.5	1	4.5	9	33,456	38.9	26.9
Lunenburg County	3	0	2	5	2.5	0	1.52	4.02	12,967	38.6	31.0
Madison County	1	1	0	2	1	0.5	0	1.5	13,424	14.9	11.2
Mathews County	0	0	2	2	0	0	2	2	8,937	22.4	22.4
Mecklenburg County	9	2	10	21	6.5	2	8.5	17	32,936	63.8	51.6
Middlesex County	4	2	3	9	3.5	1.5	3	8	11,065	81.3	72.3
Montgomery County	64	90	87	241	52.86	70	68	190.86	94,996	253.7	200.9

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Nelson County	1	1	1	3	1	0.5	0.5	2	15,092	19.9	13.3
New Kent County	3	3	5	11	2	2.5	4.5	9	18,827	58.4	47.8
Northampton County	5	0	6	11	4	0	5.38	9.38	12,433	88.5	75.4
Northumberland County	1	0	2	3	1	0	1	2	12,449	24.1	16.1
Nottoway County	4	8	4	16	4	8	4	16	15,907	100.6	100.6
Orange County	4	5	3	12	2	4	3	9	33,715	35.6	26.7
Page County	3	1	2	6	2	0.5	1.5	4	24,155	24.8	16.6
Patrick County	3	0	1	4	2.5	0	1	3.5	18,635	21.5	18.8
Pittsylvania County	12	2	7	21	9	1.5	4.5	15	62,986	33.3	23.8
Powhatan County	8	4	11	23	7	3.5	8.5	19	28,290	81.3	67.2
Prince Edward County	19	6	8	33	15	5.35	6.5	26.85	23,518	140.3	114.2
Prince George County	7	16	13	36	6	12.5	11.5	30	35,828	100.5	83.7
Prince William County	130	58	158	346	104.21	45	122.38	271.59	414,531	83.5	65.5
Pulaski County	12	3	8	23	10.5	1.5	6.5	18.5	34,635	66.4	53.4
Rappahannock County	1	2	3	6	0.5	1	2	3.5	7,410	81.0	47.2
Richmond County	7	3	11	21	5.5	2.5	10	18	9,237	227.3	194.9
Roanoke County	67	29	51	147	52.03	23	42.88	117.91	92,687	158.6	127.2
Rockbridge County	4	4	12	20	4	3.5	9	16.5	22,155	90.3	74.5
Rockingham County	23	15	16	54	15.5	10.85	14.5	40.85	77,297	69.9	52.8
Russell County	7	0	7	14	5.5	0	5.5	11	29,014	48.3	37.9
Scott County	6	1	2	9	5	1	2	8	23,274	38.7	34.4
Shenandoah County	9	0	3	12	6.03	0	2.5	8.53	42,114	28.5	20.3
Smyth County	4	16	26	46	4	13	23	40	32,104	143.3	124.6
Southampton County	0	0	1	1	0	0	1	1	18,714	5.3	5.3
Spotsylvania County	16	6	30	52	13	5.5	23.55	42.05	123,997	41.9	33.9
Stafford County	27	10	28	65	19.36	7	23	49.36	131,067	49.6	37.7
Surry County	0	0	1	1	0	0	1	1	6,968	14.4	14.4
Sussex County	1	0	2	3	1	0	2	3	12,056	24.9	24.9
Tazewell County	11	1	13	25	8.5	1	10.5	20	45,276	55.2	44.2

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Warren County	9	2	14	25	7	1.5	10.88	19.38	37,688	66.3	51.4
Washington County	18	6	35	59	13.5	5	27.52	46.02	55,179	106.9	83.4
Westmoreland County	1	0	3	4	0.5	0	2	2.5	17,460	22.9	14.3
Wise County	14	1	14	29	11	0.5	13.5	25	41,025	70.7	60.9
Wythe County	8	2	11	21	7.5	1	10	18.5	29,391	71.5	62.9
York County	24	7	17	48	20	5.5	14	39.5	65,973	72.8	59.9
Alexandria City	82	24	165	271	64.86	56.92	126.27	248.05	143,464	188.9	172.9
Bedford City	4	89	0	93	3.5	0.85	0	4.35	6,137	1515.4	70.9
Bristol City	8	66	7	81	6	0.5	5	11.5	17,780	455.6	64.7
Buena Vista City	2	2	0	4	2	0.5	0	2.5	6,881	58.1	36.3
Charlottesville City	50	84	103	237	37.86	53.85	81.75	173.46	44,471	532.9	390.1
Chesapeake City	61	1	67	129	47.89	18.37	48.02	114.28	225,898	57.1	50.6
Colonial Heights City	11	1	20	32	7.03	3	17.5	27.53	17,556	182.3	156.8
Covington City	5	1	1	7	4	0	0.5	4.5	6,092	114.9	73.9
Danville City	22	72	15	109	16	7.85	12	35.85	43,332	251.5	82.7
Emporia City	3	24	3	30	2	0.5	2	4.5	5,946	504.5	75.7
Fairfax City	57	4	54	115	39.86	35.5	42.5	117.86	22,866	502.9	515.4
Falls Church City	24	0	45	69	18.53	23	31.38	72.91	12,567	549.1	580.2
Franklin City	2	11	2	15	1.5	1	1	3.5	8,680	172.8	40.3
Fredericksburg City	31	1	59	91	23.5	23.71	45	92.21	25,484	357.1	361.8
Galax City	8	46	3	57	6	0	3	9	7,125	800.0	126.3
Hampton City	61	35	89	185	51.86	30	77.77	159.63	137,372	134.7	116.2
Harrisonburg City	75	1	31	107	58.86	15.5	23.4	97.76	50,057	213.8	195.3
Hopewell City	10	30	8	48	7.5	1.85	6.5	15.85	22,779	210.7	69.6
Lexington City	8	0	1	9	6.5	4.5	0.5	11.5	7,197	125.1	159.8
Lynchburg City	140	35	39	214	112.5	23	31.52	167.02	76,448	279.9	218.5
Manassas City	10	21	12	43	7.03	2.5	10.5	20.03	39,060	110.1	51.3
Manassas Park City	0	3	2	5	0	0	1.5	1.5	14,540	34.4	10.3
Martinsville City	13	5	7	25	10	2	4	16	13,902	179.8	115.1
Newport News City	64	31	71	166	50	27.5	60	137.5	181,027	91.7	76.0
Norfolk City	116	3	187	306	88.39	56.5	153.02	297.91	243,985	125.4	122.1
Norton City	0	0	3	3	0	0.5	3	3.5	4,099	73.2	85.4
Petersburg City	19	2	30	51	16	15.71	26.5	58.21	32,948	154.8	176.7
Poquoson City	0	34	3	37	0	1.5	2.5	4	12,240	302.3	32.7
Portsmouth City	38	72	53	163	28.03	24.35	45	97.38	96,368	169.1	101.1
Radford City	15	1	13	29	11.5	6.5	9	27	16,532	175.4	163.3

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	Counseling	Psychology	Social Work		Counseling	Psychology	Social Work		2011 Population	Locations per 100,000	FTE per 100,000
Richmond City	136	19	370	525	100.01	127	309.56	536.57	206,238	254.6	260.2
Roanoke City	71	2	74	147	59	21	61.4	141.4	97,206	151.2	145.5
Salem City	12	28	37	77	9.03	21.35	34	64.38	24,970	308.4	257.8
Staunton City	21	9	14	44	17	13	11.5	41.5	24,222	181.7	171.3
Suffolk City	14	152	15	181	10.5	6	12	28.5	85,692	211.2	33.3
Virginia Beach City	183	31	228	442	142	83.02	185.9	410.92	441,246	100.2	93.1
Waynesboro City	7	24	4	35	4.51	1.5	3	9.01	21,099	165.9	42.7
Williamsburg City	29	17	16	62	22.5	19.5	11	53	14,256	434.9	371.8
Winchester City	28	11	25	64	20	12	19.5	51.5	26,167	244.6	196.8